

SX-PClxx-05

Gigabit Ethernet 1000BASE-SX/LX



OVERVIEW

The SX-PClxx-05 is a Fiber Gigabit Ethernet 32 bit PCI bus adapter that fully complies with all IEEE 802.3z and 1000Base-SX/LX standards. It provides up to 2000Mbps full-duplex bandwidth capacity to support high-end desktop computing and servers. In addition, with advanced functions like VLAN filtering packet processing, the adapter provides added performance, flexible configuration and secure networking for users in a standard-based environment. Two LED indicators (LINK/ACT and FDX) on the bracket will help to oversee the board link, activities and full-duplex status.

ORDERING INFORMATION

SX-PClxx-05

Where xx = SC, LC, ST

1000Base-SX 850nm

Multi-mode: [62.5/125, 50/125µm]

Single-mode: [9/125µm]

Specifications

Standard: IEEE 802.3x Gigabit Ethernet 1000Bae-SX/LX
 IEEE 802.3x Full-Duplex Flow Control
 IEEE 802.1q VLANs
 IEEE 802.1p Quality of Service

LED Indicators	LINK/ACT/FDX
Power	10 Watts max, 2.0A@ +5V
LAN Drivers	Windows 7, Vista, XP, 2003, 2000, 98, NT Linux 2.2.x - 2.4.x, - 2.6.x NetWare Server 3.12, 4.x, 5.x, 6.x NetWare DOS Client ODI NDIS 2,3,4,5 MAC OS
Boot Server support	PXE, RPL, BOOTP

PCB Dimensions Length 128.5mm [5.05"]
 Height 57.5mm [2.26"]

Environment 0° – 50°C [32° – 122°F]
 5% - 90% humidity

Certifications FCC Class B, CE Mark, RoHS

Warranty Lifetime

Features

- Lifetime Warranty
- High Bandwidth 1000Mb Network Speed
- Supports Full-Duplex Mode
- Supports 32 bit PCI 2.2 bus
- Full Duplex Flow Control
- Checksum Offload (IP, RCP, UDP) and large send offload support
- Supports PCI Message Signal Interrupt (MSI)
- Supports pair swap/polarity/skew correction
- Supports Standard and Low Profile
- Supports 802.1 P/Q VLAN Filtering Function
- Plug and Play Auto-configuration
- RoHS Compliant

